

Title (en)

Ultrasonic probe having a liquid-containing housing formed of polymethylpentene resin.

Title (de)

Ultraschallwandler mit einem Polymethylpentengehäuse, gefüllt mit einer Flüssigkeit.

Title (fr)

Sonde ultrasonore ayant un boîtier en résine de polyméthylpentène, remplie d'un fluide.

Publication

EP 0142862 A2 19850529 (EN)

Application

EP 84114041 A 19841120

Priority

JP 21890883 A 19831121

Abstract (en)

Disclosed is an ultrasonic probe having a transducer submerged in an acoustic transmitting liquid medium contained in a housing. The housing is formed of polymethylpentene resin having an acoustic impedance approximately equal to that of the human body. Multiple reflections and transmission loss of acoustic energy are minimized to ensure high quality tomographic images.

IPC 1-7

G10K 11/00

IPC 8 full level

A61B 8/14 (2006.01); **A61B 8/00** (2006.01); **G10K 11/02** (2006.01); **G10K 11/35** (2006.01)

CPC (source: EP)

G10K 11/02 (2013.01); **G10K 11/355** (2013.01)

Cited by

FR2606889A1; EP1551307A4; EP0355175A1; US5031626A; US8137279B2; US9044216B2; US8758256B2

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